EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	128009	(blueberry or PDA or e-book or ebook or (electronic adj book))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:57
L2	149	1 and shar$4 and remote and (selected adj text)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:49
L3	151	1 and (shar$4 or collaborat$6) and remote and (selected adj text)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:59
L4	6	3 and passage and user adj list	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:50
L5	3600	(blueberry or PDA or e-book or ebook or (electronic adj book)) same (shar$6 or collaborat$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:03
L6	1	5 and (shar$4 or collaborat$6) same remote same (selected adj text)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:00
L7	1	5 and remote same (selected adj text)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:03
L8	74	5 and (707/10.ccls. or 715/500, 530,531.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:07
L9	3528	(blueberry or PDA or e-book or ebook or (electronic adj book)) same (shar$3 or collaborat$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:17

L10	5	9 and (blueberry or PDA or e-book or ebook or (electronic adj book) or remote) with (selected adj2 (text or passage))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:15
L11	74	9 and (707/10.ccls. or 715/500, 530,531.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:21
L12	6	9 and (blueberry or PDA or e-book or ebook or (electronic adj book) or remote) same (selected adj2 (text or passage))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:16
L13	1315	(blueberry or PDA or e-book or ebook or (electronic adj book)) and (shar$3 or collaborat$6) and remote and sorted and selected	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:24
L14	291	9 and ("707"/$.ccls. or 715/500, 530,531.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:19
L15	26	14 and (display$3 or present$3 or view43) near2 (selected or sorted)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:20
L16	35	14 and (display$3 or present$3 or view$3) near2 (selected or sorted)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:21
L17	63	14 and (display$3 or present$3 or view$3) near4 (selected or sorted)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:25
L18	16	17 and (707/10.ccls. or 715/500, 530,531.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:24
L19	2095	(blueberry or PDA or e-book or ebook or (electronic adj book)) and remote and sorted and selected	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:24

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L20	67	19 and (707/10.ccls. or 715/500, 530,531.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:24
L21	24	20 and (display$3 or present$3 or view$3) adj4 (selected or sorted)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:27
L22	3	21 and passage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:28

DOCUMENT-IDENTIFIER: US 20030009459 A1

TITLE: Method and system for automated **collaboration** using
                electronic book highlights and notations

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Abstract Paragraph - ABTX (1):
   The present invention provides a method, apparatus, and computer implemented
instructions for **sharing** highlighted passages and notations in an **electronic
book**. A user can highlight passages and/or notes, which are tagged and
automatically sent to a designated set of recipients. The designated
recipients can enter search criteria so that the highlighted passages and/or
notes are displayed in their **electronic book** based on the specified criteria.

Title - TTL (1):
   Method and system for automated **collaboration** using **electronic book**
highlights and notations

Summary of Invention Paragraph - BSTX (2):
   [0001] The present invention relates generally to an improved data
processing system. Still more particularly, the present invention relates to
the **sharing** of highlighted passages and notations in an **electronic book**.

Summary of Invention Paragraph - BSTX (8):
   [0006] When using an **electronic book,** referred to as an **"e-book"**, a user has
the ability to highlight and notate text for further reference. Various
methods exist providing users the facility of tagging specific passages of
e-book text. These methods include allowing the user to highlight passages of
text and notate partial or complete sections of text. The ability to **share**
this information is desired. **E-books** may contain large amounts of text.
Multiple people may view the same **e-book**. When others want to discuss various
areas of the **e-book,** referring back to highlighted text is desired, but may be
cumbersome and time consuming due to the size of the **electronic book**.
Therefore, it would be advantageous to have an improved method, apparatus, and
computer instructions to **share** information gathered from the **electronic book**.

Summary of Invention Paragraph - BSTX (10):
   [0007] The present invention provides a method, apparatus, and computer
implemented instructions for **sharing** highlighted passages and notations in an
electronic book. A user can highlight passages and/or notes, which are tagged
and automatically sent to a designated set of recipients. The designated
recipients can enter search criteria so that the highlighted passages and/or
notes are displayed in their **electronic book** based on the specified criteria.

Brief Description of Drawings Paragraph - DRTX
(6):

[0012] FIG. 4 is a block diagram of a **collaboration** process for **electronic books** in accordance with a preferred embodiment of the present invention;

Detail Description Paragraph - DETX (14):

[0034] Turning next to FIG. 4, a block diagram of a data processing system illustrating a **collaboration** process for **electronic books** is depicted in accordance with a preferred embodiment of the present invention. Client 410 may be used to display an **e-book** 420. A user can highlight or select passages 424 and 428 within an **e-book,** which may be sent to other **e-book** users. A note, such as note 429 may be associated with a passage, such as passage 428. This note also will be tagged for transmission to another user in these examples. Alternatively a note may be sent without a highlighted passage. These notes may contain text, such as comments about the passage or may contain other information. For example, a note may contain references that related to the passage. The reference may refer to anything about the text, such as, for example, a book title, author, publisher, publication date, ISBN number, section, chapter, page, paragraph, topic, subject, or category. Other information that may be included in a note are, for example, a user name, the name of the user highlighting the text, career field, interests, and other books being researched.

Detail Description Paragraph - DETX (15):

[0035] The primary user, depicted as client 410 in the block diagram, may designate a set of recipients through the use of a **collaboration** process 430 by selecting other **e-book** users or groups of **e-book** users from a user list 440. The highlighted or **selected passages** and/or notes can be sent to another **e-book** user such as client 450, where the user name for client 450 is included in the user list 440. **Collaboration** process 460 highlights, in **e-book** 470 passages 474 and 478 and note 479, which correspond to passages 424 and 428 and note 429 from **e-book** 420. These passages are transmitted through a communications link that is used to download book content to the **e-book**. A server, such as server 200 in FIG. 2, is used to relay the information in a manner similar to email. For example, a server, such as Lotus Domino, could use email mechanisms to facilitate the **collaboration**.

Detail Description Paragraph - DETX (17):

[0037] FIG. 6 is a diagram of an **electronic book** with a pop-up window to add a note in accordance with a preferred embodiment of the present invention. If the option to a add note, such as option add note 520 in FIG. 5, is selected. Pop-up window 600 to add a note may be displayed in response to a selection of add note 520 in FIG. 5. Scroll box 610 may be used to enter the text for the note. Check box 620 can be marked to tag the note to be **shared** with a book club or other group of users. Selection box 630 can allow the user to select a particular book club or other group, which will receive the note and associated passage. The user may choose to click on save button 640 to save the note and tag the note to be **shared** with the selected book club if box 620 is marked. Otherwise, the user may choose to click on cancel button 650 if the note is not to be saved.

Detail Description Paragraph - DETX (18):

[0038] When the **e-book** is connected to an internet enabled client, the present invention parses through all of the notes that have been saved, finds the notes tagged for **sharing,** and sends the notes to the indicated recipients, such as the book club selected from selection box 630 in FIG. 6.

Detail Description Paragraph - DETX (22):

[0042] FIG. 8 is a flowchart of the process of selecting recipients and groups of recipients for the highlighted passages and/or notes in which the present invention may be implemented. Highlighted passages and notes refer to text in an **e-book,** which has be selected or notated for reference. The process illustrated in FIG. 8 may be implemented in a **collaboration** process, such as **collaboration** process 430 in FIG. 4.

Detail Description Paragraph - DETX (24):

[0044] Next, FIG. 9 shows a flowchart of the process of generating a note for **collaboration** in which the present invention may be implemented. A user has the ability to highlight passages within an **e-book** and to create a note associated with the passage. User input is received in which the user input highlights a passage for a note (step 910). A determination is made as to whether the passage is already within an existing note (step 920). If the passage is already included in an existing note, then that note is opened for append (step 930). In other words, the note is opened so that additional text may be added to the note. Otherwise, a new note is opened for the highlighted passage (step 940). User input editing the note is then received (step 950). The process also proceeds to step 940 from step 930 if the note is opened for appending. The note is tagged so that it may be sent for **collaboration** (step 960) with the process terminating thereafter.

Detail Description Paragraph - DETX (28):

[0048] The highlighted passages or notes are automatically sent to a designated set of recipients through the use of the Internet as discussed in FIG. 1. The process begins by detecting a connection to the Internet (step 1110). A determination is made as to whether highlighted passages and/or notes are present to be sent (step 1120). If there are any highlighted passages and/or notes to be sent, the highlighted passages are sent with the associated notes to the highlighted passage (step 1130). The **collaborated** highlighted passages and/or notes from other users may be downloaded to the current user's **e-book** (step 1140). The results are processed for presentation in the current **e-book** (step 1150) with the process terminating thereafter.

Detail Description Paragraph - DETX (32):

[0052] The process begins by determining whether local notes are present (step 1310). This step identifies which notes are notes on the current user's **e-book**. Local notes are notes created by a user on the **e-book, while collaboration** notes are notes received by the user from other users of the **e-book**.

Detail Description Paragraph - DETX (33):

[0053] If there are local notes present, the related passages to the notes are highlighted (step 1320). These passages are the text within the **e-book** that have been marked as being associated with the note. Next, a determination is made as to whether **collaboration** notes are present (step 1330). If **collaborative** notes are present, the related passages to those notes are highlighted (step 1340). A determination is made as to whether passages are present in which the passages are to be highlighted (step 1350). If there are passages present, these passages are highlighted (step 1360) with the process terminating thereafter.

Claims Text - CLTX (2):
1. A method in a data processing system for **sharing** text in an **electronic book,** the method comprising: receiving a user input selecting the text from the **electronic book** to form **selected text**; and automatically sending the selected text to a designated set of recipients in response to receiving the user input selecting the text.

Claims Text - CLTX (14):
13. A method in a data processing system for **sharing** highlighted text in an **electronic book,** the method comprising: receiving a first user input selecting the highlighted text from the **electronic book**; displaying a list of recipients; receiving a second user input selecting a designated set of recipients from the list of recipients; and sending the highlighted text to the designated set of recipients.

Claims Text - CLTX (15):
14. A method in a data processing system for **sharing** text in an electronic hook, the method comprising: receiving **selected text** from at least one **electronic book** through a communications link; sorting the selected text using a selection criteria to form sorted text; displaying the sorted text; and responsive to a user input selecting at least a portion of the sorted text being displayed, highlighting portions of the **electronic book** based on the user input.

Claims Text - CLTX (19):
18. The method of claim 14, wherein the **selected text** includes passages from at least one **electronic book**.

Claims Text - CLTX (24):
23. A data processing system for **sharing** text in an **electronic book,** the data processing system comprising: receiving means for receiving a user input selecting the text from the **electronic book**; and sending means for automatically sending the highlighted text to the designated set of recipients in response to receiving the user input selecting the text.

Claims Text - CLTX (25):
24. A data processing system for **sharing** highlighted text in an **electronic book,** the method comprising: receiving means for receiving a first user input selecting the highlighted text from the **electronic book**; displaying means for

displaying a list of recipients; receiving means for receiving a second user input selecting a designated set of recipients from the list of recipients; and sending means for sending the highlighted text to the designated set of recipients.

Claims Text - CLTX (26):
   25. A data processing system for **sharing** text in an **electronic book,** a data processing system comprising: receiving means for receiving **selected text** from at least one **electronic book** through a communications link; receiving means for receiving selection criteria for the selected text; sorting means for sorting the selected text with respect to the selection criteria to form sorted text; and displaying means for displaying the sorted text.

Claims Text - CLTX (28):
   27. A computer program product in a computer readable medium for **sharing** highlighted text in an **electronic book,** the computer program product comprising: first instructions for receiving a user input selecting the text from the **electronic book**; and second instructions for automatically sending the highlighted text to the designated set of recipients in response to receiving the user input selecting the text.